

Human GAD1 iso1 Recombinant Protein



RPPB1664

Product Information Protein Information

Product SKU:

RPPB1664

Accession:

Q99259

Host:

E.coli.

Protein description:

GAD1 iso1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 617 amino acids (1-594 a.a) and having a molecular mass of 69.3kDa. GAD1 iso1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutamate Decarboxylase 1 (Brain, 67kDa), Glutamate Decarboxylase 67 KDa Isoform, 67 KDa Glutamic Acid Decarboxylase, EC 4.1.1.15, GAD-67, CPSQ1, SCP, GAD, Glutamate Decarboxylase 1 (Brain, 67kD), Glutamate Decarboxylase 1, EC 4.1.1, GAD67, Glutamate decarboxylase 1.

Formulation:

GAD1 iso1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

Purity:

Greater than 80% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGSMASTPS SSATSSNAGA DPNTTNLRPT TYDTWCGVAH GCTRKLGLKI
CGFLQRTNSL EEKSLVSAF KERQSSKNLL SCENS DRDAR FRR TETDFSN LFARDLLPAK NGEEQTVQFL
LEVVDILLNY VRKTFDRSTK VLDFHHPHQL LEGMEGFNLE LSDHPESLEQ ILVDCRDTLK YGVRTGHPRF
FNQLSTGLDI IGLAGEWLTS TANTNMFTYE IAPVFLMEQ ITLKKMREIV GWSSKDG DGI FSPGGAISNM
YSIMAARYKY FPEVKTGMA AVPKLVLFST EQSHYSIKKA GAALFGTDN VILICNERG KIIPADFEAK
ILEAKQKGYV PFYVNATAGT TVYGAFDPIQ EIADICEKYN LWLHVDAAWG GLLMSRKHR HKLNGIERAN
SVTWNPHKMM GVLLQCSAIL VKEKGILQGC NQM CAGYLFQ PDKQYDVSYD TGDKAIQCGR HVDIFKFWLM
WKAKGTVGFE NQINKCLELA EYLYAKIKNR EEFEMVFNGE PEHTNVCFWY IPQSLRGVPD SPQRREKLHK
VAPKIKALMM ESGTTMVG YQ PQGDKANFFR MVISNPAATQ SDIDFLIEI ERLGQDL